

WHAT IS CLAIMED IS:

- 5 10
1. A medical device, comprising:
a body portion having a first end portion and a second end portion
and being defined by structure including a plurality of pairs of converging struts;+
a first cuff, the first cuff being attached to the first end portion;
a second cuff, the second cuff being attached to the second end
portion;
at least one shoe device, the shoe being configured at one pair of
converging struts; and
wherein the first and second cuffs and the shoe device provide the
medical device with atraumatic surfaces and a streamlined profile.
2. The device of claim 1, the first cuff further comprising an
annular space.
3. The device of claim 2, wherein the first cuff is configured to
receive a portion of the body portion and to engage both an interior and an exterior
segment of the body portion.
4. The device of claim 1, the second cuff further comprising an
annular space .
5. The device of claim 4, wherein the second cuff is configured
to receive a portion of the body portion and to engage both in an interior and an

6. The device of claim 1, wherein the first cuff is configured to reside within an interior of the body portion.

7. The device of claim 1, wherein the second cuff is configured to reside within an interior of the body portion.

8. The device of claim 1, wherein the body portion is radially collapsible and the first and second cuffs cooperate to collapse with the body portion.

9. The device of claim 1, wherein the first and second cuffs are sutured to the body.

10. The device of claim 1, wherein the first and second cuffs are made from graft material.

11. The device of claim 10, wherein the graft material is PTFE.

12. The device of claim 10, wherein the graft material is PE.

13. The device of claim 1, wherein the shoe device provides the body portion with structural integrity.

14. The device of claim 1, wherein the shoe device is formed from a plastic material.

15. The device of claim 1, the shoe device further comprising a plurality of holes which are sized to receive a section of strut.

100120-26510550

Sub
245

16. The device of claim 15, wherein the plurality of through holes.

17. The device of claim 1, wherein the plurality of holes have blind ends.

18. The device of claim 1, wherein the shoe device is configured at converging struts located at a medial portion of the body portion.

Sub
257

19. A medical device, comprising:
a body portion having a first end portion and a second end portion
and being defined by a structure including a plurality of pairs of converging struts;
a first cuff, the first cuff being attached to the first end portion; and
a second cuff, the second cuff being attached to the second end
portion;

wherein the first and second cuffs provide the medical device with atraumatic surfaces and a streamlined profile.

20. A medical device, comprising:
a body portion having a first end portion and a second end portion
and being defined by a structure including a plurality of pairs of converging struts;
and

at least one shoe device, the shoe device being configured at one pair of converging struts;

wherein the shoe device provides the medical device with atraumatic surfaces and structural integrity.

09901993.071001

Add 267